

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
)
Francis PRUCHE et al.) Group Art Unit: Unassigned
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Application No.:) Examiner: Unassigned
)
Filed: July 27, 2001)
)
For: COMPOSITIONS FOR TOPICAL)
APPLICATION COMPRISING)
GLUCOSYLATED)
HYDROXYSTILBENES, AND USES)
THEREOF)

PRELIMINARY AMENDMENTS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In advance of the initial Official Action on the substantive merits of the application identified in caption, please preliminarily amend same as follows:

IN THE TITLE:

Please change the Title to:

**-- GLUCOSYLATED HYDROXYSTILBENE COMPOUNDS FOR
TREATING SKIN CONDITIONS --**

IN THE SPECIFICATION:

Page 1, between lines 2 and 3, please insert:

-- BACKGROUND OF THE INVENTION

Technical Field of the Invention: --

Page 1, between lines 7 and 8, please insert:

-- Description of the Prior Art: --

Page 2, between lines 13 and 14, please insert:

-- SUMMARY OF THE INVENTION --

Page 3, between lines 6 and 7, please insert:

**-- DETAILED DESCRIPTION OF BEST MODE AND
SPECIFIC/PREFERRED EMBODIMENTS OF THE INVENTION --**

IN THE CLAIMS:

Please cancel the original Claims 1-18 without prejudice or disclaimer and substitute therefor the following new Claims 19-44:

-- 19. (New) A regime/regimen for treating an adverse or objectionable condition of the skin, mucosa, nails and/or keratinous fibers of an individual subject in need of such treatment, comprising topically applying thereon, for such period of time as required to elicit the desired response, a thus effective amount of at least one glucosylated hydroxystilbene compound, or composition comprised thereof.

20. (New) A regime/regimen for controlling the skin pigmentation of an individual subject in need of such treatment, comprising topically applying onto such skin, for such period of time as required to elicit the desired response, a thus effective amount of at least one glucosylated hydroxystilbene compound, or composition comprised thereof.

21. (New) A regime/regimen for combating cutaneous aging and of the hair follicles of an individual subject in need of such treatment, comprising topically applying thereon, for such period of time as required to elicit the desired response, a thus effective amount of at least one glucosylated hydroxystilbene compound, or composition comprised thereof.

22. (New) A regime/regimen for improving the radiance of the skin of an individual subject in need of such treatment, comprising topically applying thereon, for such period of time as required to elicit the desired response, a thus effective amount of at least one glucosylated hydroxystilbene compound, or composition comprised thereof.

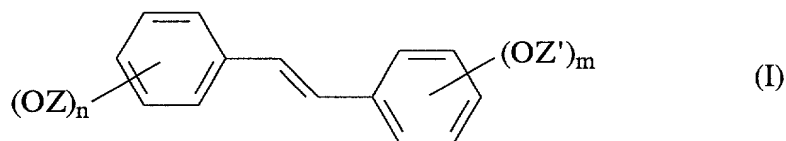
23. (New) A regime/regimen for smoothing the facial skin of an individual subject in need of such treatment, comprising topically applying thereon, for such period of time as required to elicit the desired response, a thus effective amount of at least one glucosylated hydroxystilbene compound, or composition comprised thereof.

24. (New) A regime/regimen for treating or preventing wrinkles and fines lines in the skin of an individual subject in need of such treatment, comprising topically applying thereon, for such period of time as required to elicit the desired response, a thus effective amount of at least one glucosylated hydroxystilbene compound, or composition comprised thereof.

25. (New) A regime/regimen for stimulating epidermal renewal in the skin of an individual subject in need of such treatment, comprising topically applying thereon, for such period of time as required to elicit the desired response, a thus effective amount of at least one glucosylated hydroxystilbene compound, or composition comprised thereof.

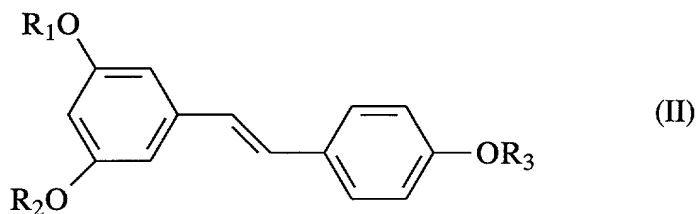
26. (New) A regime/regimen for promoting an *in vivo* anti-oxidant and/or anti-inflammatory effect in an individual subject in need of such treatment, comprising topically applying onto the skin of said individual subject, for such period of time as required to elicit the desired response, a thus effective amount of at least one glucosylated hydroxystilbene compound, or composition comprised thereof.

27. (New) The regime/regimen as defined by Claim 19, said at least one glucosylated hydroxystilbene compound having the structural formula (I):



wherein n is a whole number ranging from 1 to 5; m is a whole number ranging from 0 to 5; and Z and Z', which may be identical or different, are each a hydrogen atom or a glucosyl radical, with the proviso that at least one of Z and Z' is a glucosyl radical.

28. (New) The regime/regimen as defined by Claim 19, said at least one glucosylated hydroxystilbene compound having the structural formula (II):



wherein the radicals R_1 , R_2 and R_3 , which may be identical or different, are each a hydroxyl group, or a glucosyl radical, with the proviso that at least one of R_1 , R_2 and R_3 , is a glucosyl radical.

29. (New) The regime/regimen as defined by Claim 19, said at least one glucosylated hydroxystilbene compound comprising 3,4'-dihydroxystilbene-5-O-beta-glucoside; 3,5-dihydroxystilbene-4'-O-beta-glucoside; 4',5-dihydroxystilbene-3-O-beta-glucoside; 4'-hydroxystilbene-3,5-O-beta-diglucoside; 5-hydroxystilbene-3,4'-O-beta-diglucoside; 3-hydroxystilbene-4',5-O-beta-diglucoside; stilbene-3,4',5-O-beta-triglucoside; 4'-methoxy-3',5-stilbenediol-3-O-beta-glucoside; 3,5,4'-trihydroxystilbene-2-O-beta-glucoside; 3',4,5'-trihydroxystilbene-3-O-beta-glucoside; pinosylvin glucoside; 5-hydroxystilbene-3-O-beta-glucoside; 3-hydroxystilbene-5-O-beta-glucoside; and/or stilbene-3,5-O-beta-diglucoside.

30. (New) The regime/regimen as defined by Claim 19, said at least one glucosylated hydroxystilbene compound comprising the D optical isomer thereof.

31. (New) The regime/regimen as defined by Claim 19, said at least one glucosylated hydroxystilbene compound comprising admixture thereof.

32. (New) The regime/regimen as defined by Claim 19, said at least one glucosylated hydroxystilbene compound comprising a plant extract.

33. (New) The regime/regimen as defined by Claim 19, said at least one glucosylated hydroxystilbene compound comprising an extract from *vitis vinifera* or *polygonum cuspidatum* tissue.

34. (New) The regime/regimen as defined by Claim 19, said at least one glucosylated hydroxystilbene compound comprising a wine extract.

35. (New) A topically applicable cosmetic/therapeutic composition suited for treating an adverse or objectionable condition of the skin, mucosa, nails and/or keratinous fibers, comprising a thus effective amount of at least one glucosylated hydroxystilbene compound, formulated into a topically applicable, physiologically acceptable medium therefor.

36. (New) The topically applicable cosmetic/therapeutic composition as defined by Claim 35, comprising from 0.01 % to 10% by weight of said at least one glucosylated hydroxystilbene compound.

37. (New) The topically applicable cosmetic/therapeutic composition as defined by Claim 35, comprising from 0.1 % to 5% by weight of said at least one glucosylated hydroxystilbene compound.

38. (New) The topically applicable cosmetic/therapeutic composition as defined by Claim 35, further comprising an effective amount of a glucosidase activator.

39. (New) The topically applicable cosmetic/therapeutic composition as defined by Claim 38, said glucosidase activator comprising 1-O-methyl- β -D-glucopyranoside.

40. (New) The topically applicable cosmetic/therapeutic composition as defined by Claim 35, further comprising an effective amount of a glucosidase inhibitor.

41. (New) The topically applicable cosmetic/therapeutic composition as defined by Claim 35, having a pH ranging from 4 to 7.

42. (New) The topically applicable cosmetic/therapeutic composition as defined by Claim 35, formulated as a cream, ointment, emulsion, gel or lotion.

43. (New) The topically applicable cosmetic/therapeutic composition as defined by Claim 35, further comprising an effective photoprotecting amount of a least one UV-A and/or UV-B sunscreen.

44. (New) A method for liberating a hydroxystilbene in stratum corneum, comprising administering thereto a thus effective amount of at least one glucosylated hydroxystilbene compound, or composition comprised thereof. --

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REMARKS

The foregoing amendments are offered at this time simply to present the subject matter of applicants' invention in USPTO-style adjective format and thus are unrelated to any substantive statutory requirement for patentability.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: 

Norman H. Stegno
Registration No. 22,716

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

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